

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | US 2003/144003 A1 (RANTA JUKKA ET AL) 31 July 2003 (2003-07-31) paragraphs '0004!, '0007!, '0009! paragraphs '0012!, '0013!, '0023! paragraph '0024! paragraph '0026! - paragraph '0029! paragraph '0032! - paragraph '0035! paragraphs '0038!, '0039!, '0042! claim 16 | 1-18 |
| Y | US 6 546 058 B1 (GILHOUSEN KLEIN S ET AL) 8 April 2003 (2003-04-08) column 2, line 11 - line 57 column 13, line 6 - column 15, line 30 ----- -/-- | 1-18 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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- * & * document member of the same patent family

Date of the actual completion of the international search

8 February 2005

Date of mailing of the international search report

16/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | US 6 415 146 B1 (CAPECE CHRISTOPHER J) 2 July 2002 (2002-07-02) column 1, line 36 - column 2, line 37 column 5, line 39 - column 6, line 45 column 8, line 8 - line 18 figure 5 ----- | 8,11,18 |

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